

REQUEST FOR ACCESS OF ABANDONED APPLICATION UNDER 37 CFR 1.14(a)

In re Application of

Application Number

08/089,407

Filed

7/8/93

Group Art Unit

Examiner

Assistant Commissioner for Patents
Washington, DC 20231

Paper No. _____

I hereby request access under 37 CFR 1.14(a)(3)(iv) to the application file record of the above-identified ABANDONED application, which is: (CHECK ONE)

1 (A) referred to in United States Patent Number 6,013,432, column Face

____ (B) referred to in an application that is open to public inspection as set forth in 37 CFR 1.11, i.e., Application No. _____, filed _____, on page _____ of paper number _____

____ (C) an application that claims the benefit of the filing date of an application that is open to public inspection, i.e., Application No. _____, filed _____, or

____ (D) an application in which the applicant has filed an authorization to lay open the complete application to the public.

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US006013432A

United States Patent [19]

Luciw et al.

[11] **Patent Number:** 6,013,432[45] **Date of Patent:** Jan. 11, 2000

[54] **IMMUNOASSAY OF HIV ANTIBODIES
USING RECOMBINANT OR SYNTHETIC
SELECTED POL SEQUENCE**

[75] **Inventors:** Paul A. Luciw, Davis; Dino Dina, San Francisco, both of Calif.

[73] **Assignee:** Chiron Corporation, Emeryville, Calif.

[21] **Appl. No.:** 08/443,434

[22] **Filed:** May 17, 1995

Related U.S. Application Data

[62] Division of application No. 08/089,407, Jul. 8, 1993, which is a continuation of application No. 07/931,154, Aug. 17, 1992, which is a continuation of application No. 07/138,894, Dec. 24, 1987, Pat. No. 5,156,949, which is a continuation-in-part of application No. 06/773,447, Sep. 6, 1985, abandoned, which is a continuation-in-part of application No. 06/696,534, Jan. 30, 1985, abandoned, which is a continuation-in-part of application No. 06/667,501, Oct. 31, 1984, abandoned.

[51] **Int. Cl.⁷** C12Q 1/70; G01N 33/53; G01N 33/569; C12N 15/48

[52] **U.S. Cl.** 435/5; 435/7.1; 435/7.92; 435/69.3; 435/287.1; 435/320.1; 435/960; 435/974; 530/300; 530/810; 530/806; 530/826; 536/23.2

[58] **Field of Search** 435/320.1, 5, 7.1, 435/69.3, 7.92, 287.1, 960, 974; 530/300, 810, 826, 806; 536/23.2

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Polynucleotide sequences are provided for the diagnosis of the presence of retroviral infection in a human host associated with lymphadenopathy syndrome and/or acquired immune deficiency syndrome, for expression of polypeptides and use of the polypeptides to prepare antibodies, where both the polypeptides and antibodies may be employed as diagnostic reagents or in therapy, e.g., vaccines and passive immunization. The sequences provide detection of the viral infectious agents associated with the indicated syndromes and can be used for expression of antigenic polypeptides.

25 Claims, 59 Drawing Sheets